

~~RESTRICTED~~

IERUNOVA, E. D.

J. Phys. Chem. (USSR) 14, 346-8 (1940)

CA: 35-4028-3

Raman effect of chloroprene in the course of polymerization.

~~RESTRICTED~~

Banner effect of chloroform in the course of polymerization.
E. D. Parsonage (*J. Phys. Chem., Russ.*, 1940, 16, 348—349).
—The infrared spectrum of β -chloroethylacrylate consists of
 ν 3104, 3070, 3006 and 3187 due to C-H; ν 1620 and 1874
 due to C=C, ν 1606, 1411, 1314, 1278 and 1206 due to C-Cl,
 ν 1008 due to C-C'; ν 722 and 612 due to C-Cl, and ν 514,
 435, and 342 due to C. Except the C-Cl frequencies the
 spectrum is identical with that of oleumene. Polymerization
 shifts the frequency C-Cl from 1620 to 1626; no detailed
 observations can be made because of the turbidity of the
 polymerizing liquid. [J. J. H.]

Measuring dielectric constants as a method for gas analyses. By D. Perumova. *Trudy Gosdizit. Opyt. zashch. Strel. Kazakhst. Litera. R. 11. Narynbaev Kaz.* 1935, 180-213. The dielectric constants of hexamyl vapor (0.0028) and that of isobutylene (0.0011) at 100 mm. and 10. Curves are constructed for various proportions of the above ingredients. The accuracy of dielectric constants of the above gases by means of elec. waves is of the magnitude of 0.001%. For hexamyl and isobutylene the dielectric constants are of an additive nature. The mol. polarization of nonpolar hydrocarbons of the type C_nH_{2n} , C_nH_{2n+2} and C_nH_{2n+4} is directly proportional to their mol. wt. It is possible to classify with respect to the polarity and to calculate the dipole moment of polar hydrocarbons of the above type by means of the obtained relationship of the mol. polarization to the mol. wt. for nonpolar hydrocarbons and the value of the mol. polarization of the given hydrocarbon. The exp't. procedure is described. Twenty three references. A. A. Roeltingk.

AFANAS'YEVA, A.V.; PERUMOVA, N.D.

Renewal of proteins in the lung following ligation of the pulmonary artery according to the data of contact autoradiography. Dokl. AN SSSR 134 no.5:1260-1263 0 '60. (MIRA 13:10)

1. Institut onkologii Akademii meditsinskikh nauk SSSR i Gospital'-naya khirurgicheskaya klinika I Leningradskogo meditsinskogo instituta im. I.P. Pavlova. Predstavleno akademikom N.N. Anichkovym.
(LUNGS--BLOOD SUPPLY) (PROTEIN METABOLISM)
(AUTORADIOGRAPHY)

PERUMOVA, N.D.

Perumova, N.D. "Investigation of radium preparations by means of photo-radiograms", Trudy
Akad. med. nauk SSSR, Vol. 1, 1949, 253-55.

SO: U-411, 17 Jul: 53, (Letopis' Zhurnal 'nykh Statey, No. 20, 1949)

PERUMOVA, N. D.

Technique of measurement of activity of histological
 slices containing radioactive isotopes by means of contact
 radiograms. N. D. Perumova. Doklady Akad. Nauk
 S.S.S.R. 107, 177-178 (1956). A detailed description of radio-
 active tracer technique as applied to P^{32} and S^{35} in bio-
 tissue sections is given with illustrations. It is shown that
 contrary to Marinelli and Hill (C.A. 42, 3795c) the use of
 filter paper impregnated with P^{32} results in 7-10% self-absorp-
 tion loss of radiation in contrast to gelatin. The filter paper
 method cannot be used for S^{35} , owing to low energy of the
 emission. G. M. Kosolapoff

Inst. Oncology, AMS USSR

ZHEMKOVA, Z.P.; PERUMOVA, N.D.

Assimilation of different isotopes by the organs of animals
in relation to their species, age and individual properties
according to data of contact radiography. Trudy Inst. onk.
AMN SSSR no.3:201-213 '60 (MIRA 16:12)

1. Radiyevaya laboratoriya (zav. - doktor med. nauk. N.D.
Perumova) Instituta onkologii AMN SSSR.

PERUMOVA, N.D.

Importance of the difference between the gamma-spectra of radium and radioactive cobalt (Co^{60}) in clinical practice.
Trudy Inst. onk. AMN SSSR no.3:148-157 '60 (MIRA 16:12)

1. Iz radiyevoy laboratorii (zav. - doktor med. nauk N.D. Perumova) Instituta onkologii AMN SSSR.

PERUMOVA, N.D. (Leningrad, ul. Rakova, d.14, kv.17).

Construction of isodose diagrams for the GUT-400 telegamma
apparatus using photographic dosimetry [with summary in English] .
Vop.onk. 4 no.4:484-487 '58 (MIRA 11:9)

1. Iz radiyevoy laboratorii Instituta onkologii AMN SSSR (dir.
daystv. chlen AMN SSSR prof. A.I. Serebrov)
(RADIOTHERAPY,

isodose diagrams for telegamma appar. GUT-400
construction by photographic method of dosimetry
(Rus))

PERUMOVA, Ye. D.

Leningrad

Physics Laboratory, Electrochemical Institute, Leningrad, (-1939-).

"The Raman Effect of Chloroprene in the Process of Polymerization."

Zhur. Fiz. Khim., Vol. 14, No. 3, 1940.

GARBER, R.I., PERUNINA, L.M.

Device for fastening samples in tensile testing. Zav. lab.
26 no.7:882-883 '60. (MIRA 13:7)

1. Khar'kovskiy Gosudarstvennyy pedagogicheskiy institut
imeni G.S. Skovorody.
(Testing machines)

8943

188200

S/126/61/011/001/010/019
E193/E483

AUTHORS: Garber, R.I., Neklyudov, I.M. and Perunina, L.M.
TITLE: Work-Hardening of Bismuth Under Conditions of
Programmed Loading 27
PERIODICAL: Fizika metallov i metallovedeniye, 1961, Vol.11, No.1,
pp.108-114

TEXT: Increasing the rate of deformation, or lowering the temperature, brings about an increase in the work-hardening exponent; this effect is attributed to the fact that under these conditions duration of the relaxation process during deformation decreases. At relatively higher temperatures, the work-hardening exponent decreases owing to increased intensity of relaxation. However, it has been shown by Bol'shanina (Ref.1) that the yield point of twinned calcite increases five times after annealing, while Garber et al (Ref.3) have found that the yield point of iron, twinned at the temperature of liquid helium, also rapidly increases during subsequent heating to room temperature. The object of the present investigation was to elucidate the mechanism of these effects by studying work-hardening of bismuth. Since twinning is

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the predominant mechanism of plastic deformation of this metal, it was assumed that its mechanical properties would be similar to those of twins in calcite and iron. Refined bismuth was used for the preparation of the experimental test pieces, made by the Bridgeman method, in the form of rods (180 mm long, 5 mm in diameter) with spherical ends, and subsequently vacuum-annealed at 200°C for 3 h. The experiments consisted in straining the test pieces in tension at room temperature under controlled conditions. The tensile force was applied by means of weight, hung at the lower end of the specimen, the usual precautions having been taken to ensure axial loading. The load was increased in a pre-determined fashion by means of an automatic dispenser from which small balls dropped at regular intervals into a container which constituted the loading weight. Each load increment did not exceed 6×10^{-3} g/mm², and the average rate of loading was maintained constant throughout each experiment, the rates applied varying between 2 and 10 g/mm²/h. It was found in the course of experiments that it was possible to select a certain critical rate of loading

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$\dot{\epsilon}$ at which the rate of deformation $\dot{\epsilon}$ remained constant within a wide interval of applied stress. This can be seen in Fig.2, where elongation ϵ ($10^3\%$, left-hand scale) and stress σ (g/mm^2 , right-hand scale) are plotted against time t (hours). To make sure that the test piece had, in fact, undergone plastic deformation, ϵ was measured while the load was gradually removed. The results (broken curves in Fig.2) show that although some elastic recovery had taken place, more than a half of the elongation, attained at the end of the loading cycle, was due to plastic deformation. Fig.3 shows two $\eta(\epsilon)$ curves, constructed for two identical specimens, loaded at $\sigma < \sigma_k$, the upper and lower graphs relating to specimens loaded at 2.3 and 4.5 $\text{g/mm}^2/\text{h}$, respectively. It will be seen that in both cases, the work-hardening exponents $\partial\sigma/\partial\epsilon$ remained constant. The results of the next series of experiments are reproduced in Fig.4, where elongation ϵ ($\%$, left-hand scale) and stress σ (g/mm^2 , right-hand scale) are plotted against time t (hours). Graph 1, $\sigma(t)$ and 2, $\epsilon(t)$ relate to a specimen tested in the following way:

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the load was applied at a rate $\dot{\sigma} = 8 \text{ g/mm}^2/\text{h}$ until a certain σ_m was reached at which the $\epsilon(t)$ relationship ceased to be linear; beginning from this moment, the load was maintained constant at σ_m for 24 h during which time the test piece continued to deform owing to creep; the rate of creep during this period remained constant and was practically the same as the rate of strain during the preceding period. For comparison, Fig.4 shows a creep curve (graph 3) of another specimen which has been loaded to σ_m in 20 min. It will be seen that in this case the total deformation was higher than that of the test piece strained under slow rate of loading, and that the rate of creep under this constant stress σ_m was also considerably higher. The interesting fact is that in the case of specimens, work-hardened during deformation at slow rate of loading and then re-loaded at a fast rate to σ_m , the rate of creep decreased 2 to 3 times (see right-hand branch of graph 2, Fig.4). It was also found that test pieces, work-hardened by deformation at slow loading rates, did not lose their strength after ageing (with the load taken off) at room temperature. The results described above confirm the hypothesis put forward by Garber (Ref.4),

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according to whom the observed effects are due to diffusion strengthening of twins which is brought about by aggregation of vacancies and impurity atoms at the twin boundaries. In cases when twins do not traverse the cross-section of the test piece, diffusion strengthening may inhibit further growth of the twins even at relatively high loads. It was for this reason that no traces of twins were observed on the surface of the test pieces used in the experiments described above and that deformation took place under conditions of equilibrium, as indicated by the absence of discontinuities on the $\epsilon(t)$ curves. Different results were obtained when a test piece in the form of a single crystal, 1.2 mm in diameter, was used. This is illustrated by graphs in Fig.5, where Δl (microns, left-hand scale) and σ (g, right-hand scale) are plotted against time t (hours). Sudden jumps on the $\Delta l(t)$ curve for a test piece under load which increased at a constant rate indicate that work-hardening, caused by diffusion-induced enrichment of the twin boundaries in vacancies and impurity atoms, cannot prevent the formation and growth of twins in a specimen of

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this size. In the case of high quality single crystals of small cross-section area, a twin nucleus (e.g. an elastic twin) can rapidly change into a twin intersecting the cross-section of the specimen, as a result of which deformation of the specimen proceeds in jumps, since the resistance to deformation (by twinning) at the moment of the formation of a twin decreases several times. The $\Delta \epsilon(t)$ and $\sigma(t)$ curves for such a specimen (a single crystal with the gauge length of 150 mm and rectangular cross-section 3×2.5 mm) are shown in Fig.6. In spite of very slow rate of loading employed, it was found impossible to obtain gradual deformation (i.e. smooth $\Delta \epsilon(t)$ curves) of the specimens, on the surface of which evidence of twins, intersecting the cross-section, was found after completion of the loading cycle. That these effects were observed in a rectangular specimen can be attributed to non-uniform distribution of stresses over its cross-section and to the high quality and homogeneity of its crystal structure. Finally, in order to elucidate the nature of the processes leading to work-hardening of specimens deformed at slow and fast rates of

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loading, X-ray diffraction patterns of test pieces, loaded to the same σ_m (yield point) but at different rates of loading (8 and 1080 g/mm²/h), were obtained. The pattern obtained for the slowly loaded specimen hardly differed from that obtained for an undeformed material, whereas a very different pattern was obtained on the specimen deformed at a fast rate of loading. This indicated that work-hardening under normal conditions of loading (within the elastic region) is associated with fragmentation of the crystal, whereas all other factors being equal, deformation under conditions of slow rates of loading does not affect the crystal structure or affects it only in the regions of lowest strength which constitute a minute fraction of the total volume of the crystal. Acknowledgments are made to I.M.Fishman and S.T.Shavlo, who participated in this work. There are 9 figures and 11 Soviet references.

ASSOCIATION: Fiziko-tekhnicheskiy institut AN UkrSSR
(The Physicotechnical Institute AS UkrSSR)

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Work-Hardening of Bismuth Under Conditions of Programmed Loading

SUBMITTED: May 25, 1960

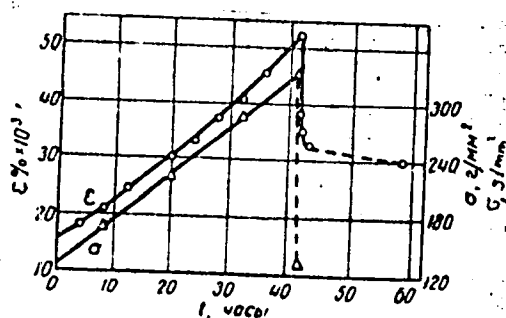


Рис. 2. Графики $\sigma(t)$ и $\epsilon(t)$ при программном нагружении.

Fig. 2.

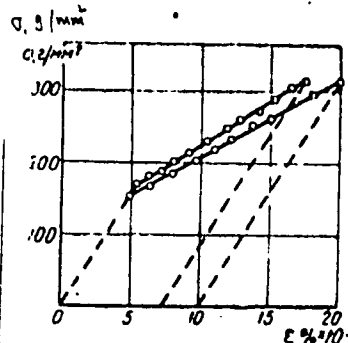


Рис. 3. Упрочнение образцов висмута при программном нагружении.

Fig. 3.

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Work-Hardening of Bismuth Under Conditions of Programmed Loading

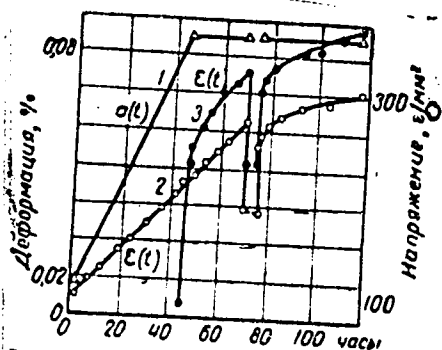


Рис. 4. Графики $\sigma(t)$ и $\epsilon(t)$ при программном и быстром нагружении образцов висмута до напряжения σ_m .

Fig. 4.

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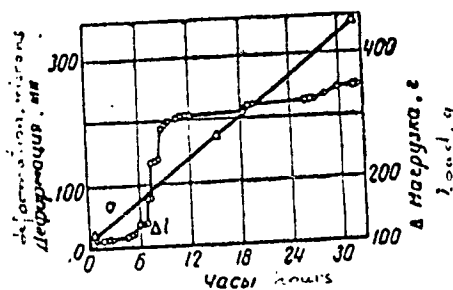


Fig. 5.

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Work-Hardening of Bismuth Under Conditions of Programmed Loading

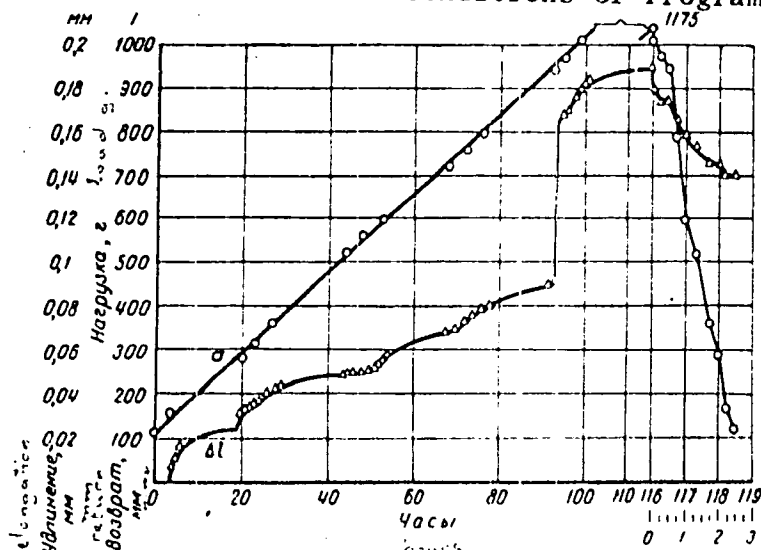


Fig.6.

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GARBER, R.I.; NEKLYUDOV, I.M.; PERUNINA, L.M.

Strengthening bismuth by programmed loading. Fiz. met. i
metalloved. 11 no. 1:108-114 Ja '61. (MIRA 14:2)

1. Fiziko-tekhnicheskiy institut AN USSR.
(Bismuth) (Deformations(Mechanics))

L 00659-67 ENT(a)/ENT(τ)/ENP(w)/ENP(v)/T-2/ENP(k) ISP(c) HW/EM

ACC NR: AP6021468

SOURCE CODE: UR/0413/66/000/011/0087/0087

INVENTOR: Perunina, O. A.; Samusev, I. P.; Subbotin, V. M.

ORG: none

TITLE: A method of measuring the displacement of points of a structure in static tests in thermoaerodynamic tubes. Class 42, No. 182373

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 11, 1966, 87

TOPIC TAGS: aerodynamic test, high temperature aerodynamic test, aircraft structure test, *STATIC TEST*, *TEMPERATURE TEST*, *AEROSPACE STRUCTURE*

ABSTRACT: This Author Certificate introduces a method of measuring the displacement of points of a structure in static tests in thermoaerodynamic tubes. To ensure high precision and reliability of measurements at high temperatures each point is provided with a marker carrying two cylindrical rods mounted at a given distance from each other. The markers are illuminated and photographed prior to and during testing at given periods of time. On a developed negative, the scale for each point is determined and used for measuring the magnitude of the shift of the points. Orig. art. has: 1 figure. [MS]

SUB CODE: 14, 01/ SUBM DATE: 06Jan65/ ATD PRESS: 5040
Cord 1/1 UDC: 620.170

ACC NR: 7205-65

AP5025751

SOURCE CODE: UR/0286/65/000/018/0099/0099

AUTHORS: Strokov, S. A.; Isayenko, A. A.; Lugovoy, V. P.; Lyubitskiy, A. N.;
Peruncov, D. G.; Potapenko, V. L.

ORG: none

13
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TITLE: Attachment to hay stacker-loader for loading of mineral fertilizers and other chemicals on planes and other transports. Class 45, No. 174870 [announced by Government Special Construction Office on Grain Removal Machinery (Gosudarstvennoye spetsial'noye konstruktorskoye byuro po kompleksu zernoborochnykh mashin)]

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 18, 1965, 99

TOPIC TAGS: agricultural machinery, chemical loading, tractor attachment, agriculture

ABSTRACT: This Author Certificate presents an attachment to a hay stacker-loader for loading of airplanes and other transports with mineral fertilizers and granular chemicals. The attachment includes a working member in the shape of a scoop with connecting elements to the lifting boom of the loader (see Fig. 1). For loading of mineral fertilizers and grain chemicals, the tractor boom is equipped with a hinged extension frame for attachment of the scoop which is equipped with a door on the discharge side of the scoop. The door can be activated by the operator. A second version has the scoop pivot located at the top portion of the scoop to provide greater opening of the discharge opening. A third feature provides stops on the

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UDC: 631.364.7:631.82

L 7965-66

ACC NR: AP5025751

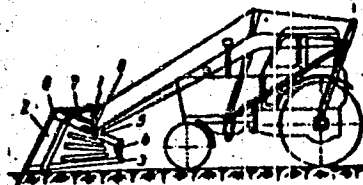


Fig. 1. 1- extension frame; 2- scoop; 3- unloading opening;
4- door; 5 and 7- hydraulic cylinders; 6- front brackets;
8- supports

extension frame to limit scoop rotation. Orig. art. has: 1 figure.

SUB CODE: IE/ SUBM DATE: 29May64

BC

Cord 2/2

GOGOLITSYN, O., inzh.; PERUNOV, N., inzh.

Exterior elements made of asbestos cement and foam plastics.
Na stroi. Ros. 4 no.4:18 Ap '63. (MIRA 16:4)

(Walls) (Roofs)

PERUNOV, Ye.

Reorganization of factory management at the "Frezer" Plant.
Biul.nauch.inform.; trud i zar.plata no.8:51-55 '59.
(Factory management) (MIRA 13:1)

PERUNOVA, L.I.
SOKOL'SKIY, D.V.; MELEKHINA, L.S.; PERUNOVA, L.I.

Effect of the nature of the solvent on the kinetics of hydrogenation
of cottonseed oil. Zhur.prikl.khim. 30 no.12:1799-1806 D '57.

(MIRA 11:1)

(Solvents) (Hydrogenation) (Cottonseed oil)

PERUNOVIC, R. ; PUALIC, R.

Some considerations in instituting administrative acts in the Yugoslav National Army. (To be contd.) p. 63.

VOJNI GLASNIK. (Jugoslavenska narodna armija) Beograd, Yugoslavia
Vol. 9, no. 8, Aug. 1955

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. 9, Sept. 1959

Uncl.

PERUSHKEV, V.

First steps. Kryl.rod. 11 no.9:6 S '60. (MIRA 13:9)

1. Zamestitel' nachal'nika Orlovskogo aerokluba po politichasti,
g. Orel.
(Orel--Aeronautics)

1. PERUSHKIN G.A., SMIRNOV K.I., RAZIN M.V.
2. USSR (600)
4. Tsimilyansk Hydroelectric Power Station
7. TSimilyansk hydro development, Gidr.stroi, 12, 1953.
9. Monthly List of Russian Accessions, Library of Congress, April 1953, Incl.

S/250/62/006/001 002/002
1001/1201

AUTHOR: Lipatov, Yu. S., Perushkina, N. G., Vasilenko, Ya. P., and Sergeyeva, L. M.
TITLE: The adhesion of polymers to a solid surface and their adsorption from solutions

PERIODICAL: Akademia nauk Belaruskay. Doklady, v. 6, no. 1, 1962, 42-44
TEXT: Gelatine water solutions and copolymers of styrene with methacrylic acid in organic solvents on the surface of glassfiber—were investigated by a method similar to that described in a previous paper (Ref. 6, Yu. S. Lipatov, L. M. Sergeyeva, V. P. Maksimova, Vysikomoleksoyed., 2, 1570, 1960). The concentration was determined by means of a spectrometer CФ-4 (SF-4) with precision up to 0.001%. The copolymer of copolymers with distribution of 1.6% and 24% of methacrylic acid was investigated. In cases of gelatine in water solution the adsorption is low, but it attains a maximum, (see Ref. 2, Yu. S. Lipatov, DAN BSSR, v. 5, 69, 1961). Adsorption of a copolymer with a distribution of 1.6% of methacrylic acid approaches the adsorption of pure polystyrene. In the case of 24% of methacrylic acid there is no adsorption from solvents of the copolymer. Comparison of the adsorption and adhesion shows that there is no direct link between adhesion of the polymer and its adsorption in spite of their dependence on the interaction between functional groups in the polymers molecule's form and the surface groups. There are different conditions for adsorption from

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The adhesion of...

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1001/1201

solutions and formation of strong adhesion bonds. There is a competition for active points on the surface among the molecules of the polymer and the solvent, that less is the adsorption of the polymer. There are 2 tables. English-language references read as follows: 1) E. Gilliand, E. Gutloff, J. Phys. Chem., 64, 407, 1960. 2) J. Rutzler, Adhesive Age, 2, 39, 1952.

ASSOCIATION: Institute Obshchey i neorganicheskoy Khimii AN BSSR (Institute of General and Inorganic Chemistry AS BSSR).

PRESENTED: M. M. Pavlychenko, Academician of AS BSSR).

SUBMITTED: April 7, 1961

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PERUSHKOV, P.

USSR

Worker of the ship repair yard About complaints on inefficiency and shortage of sweaters in organizations for workers supplies of the ship yard.

SOURCE: N: Stalinskiy Domsomol'sk 24 July 45
Abstracted in USAF "Treasure Island", on file in Library of Congress, Air
Information Division, Report No. 067994

PERUSHKOV, P.

USSR

Worker Ship Repair Yard, Komsomol'sk Na Amure, 1945

On: Complaints on inefficiency and shortage of sweaters in "O.R.S," of the Ship Repair Yard.

N: Stalinskiy Komsomol'sk, Komsomol'sk Na Amure, Khabarovskiy Kray, RSFSR
24 July 1945

SOURCE: Abstracted in USAF "Treasure Island", on file in Library of Congress, Air Information Division, Report No. 67994.

PERUSKO, T.

Ivan Klobucaric, cartographer. Geogr.glas. no.20:152-153 '58
(Published 1959). (KEAI 9:5)
(Klobucaric, Ivan) (Cartography)

YUGOSLAVIA/Farm Animals - Honey Bee.

2-5

Abs Jour : Ref Zhur - Biol., No 7, 1958, 31018

Author : Perusic A.

Inst : -

Title : On the Biology of the Reproduction of Bees.
(O biologii razmnozheniya pchel).

Orig Pub : Glasnik biol. sek Hrvatsko prirodosl. drustvo, 1953
(1955), Ser. 2B, 7, 288.

Abstract : The articles deals with the stimulation and the checking
of the instinct of swarming. The importance of the
knowledge of the biology, etiology, and ecology of the
honey bee and melliferous insects in apiculture is
stressed.

Card 1/1

PERUSSI, Petru

Pyrite roasting in fluidized layers; an example of energetic and technological process. Energetica Rum 9 no.10:385-388 0 '61.

(Pyrites) (Fluidization)

PERUTIK, Radomir, promovany biolog

Pea moth (*Laspeyresia nigricana* Steph.). Pt. 4.
Rost vyroba 9 no.6:611-620 Je '63.

1. Vyzkumny ustav obilnarsky, Kromeriz.

Perutik, Radomir
CZECHOSLOVAKIA / General and Special Zoology. Insects. P
Systematics and Faunistics.

Abs Jour: Ref Zhur-Biol., No 21, 1958, 96360.

Author : Perutik, Radomir.

Inst : Not given.

Title : The Collection of Dragonflies in the Silesian
Museum in Opava.

Orig Pub: Vedy prirod., 1957, 6, No 1, 3-10.

Abstract: 4% species or 70% of the fauna are represented
in the collection of Czechoslovak dragonflies.
Observations concerning the spread of southern
species to the north.

Card 1/1

The pathogenicity of eczema. *Alzberg, P. (Acta Derm. 12, 329-44 (1922)).* The problem of eczema is considered in relation to allergy. Distinction is made between toxidermy and allergoderm. Toxidermic conditions result from chemo-physics and pharmacologic causes, allergic conditions are independent of these factors. P. was able to bring about passive transmission of some allergic forms. In connection with turpentine dermatitis P. was able to show that only unsaturated hydrocarbons cause skin inflammation, while the saturated ones cause no dermatitis. In methadyl hypersensitiveness it was established that the inflammatory reaction has a mechanism similar to that of enzyme action. When the enzymic potency is reduced through local narcosis, no skin reaction occurs; likewise, an aldehyde (formaldehyde) inhibits the oxidation of the methanol and thereby prevents the skin inflammation. Skin susceptibility is traced to the connection between the autonomic nervous system and the skin. The factors causing eczema are the same as those which Adlersberg showed to be responsible for NaCl swelling in skin resection. P. claims he can cure acute eczema by affecting the water content of the skin. B. S. LEVINE

APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001240130003-7"

PHOTO, R.F.

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2011-10-10 10:10:10
10:10:10

PERVACHENKO, S. V.

Adenoviruses in respiratory diseases. Sbor. nauch. trud. Inst. infek. bol.
no. 4: 213-218 '64.

Study on virus-neutralizing antibodies to adenoviruses in infants.
Ibid.: 228-232 (MIRA 18:6)

Pervachenko, S. V.
EXCERPTA MEDICA Sec.7 Vol.12/4 Pediatrics April 58

1048. INVESTIGATION ON THE BIOLOGICAL PROPERTIES OF HAEMOLYTIC STREPTOCOCCI IN SCARLET FEVER, SUPERINFECTION AND COMPLICATIONS (Russian text) - Pervachenko S. V. - PEDIATRIIA 1957, 1 (15-22) Graphs 5

The complications in scarlet fever appear only when the new serological types of haemolytic streptococci (as a result of cross-infection) are more toxigenic than the initial strains. These differences in toxigenicity are very expressive. In the course of uncomplicated cases of scarlet fever the new serological types of haemolytic streptococci have always the same or even lower toxigenicity than the initial strains. The author did not notice any dependence between the virulence of the investigated streptococcal strains and the appearance of scarlatinal complications.

Zablocki - Łódź (IV, 7)

EXCERPTA MEDICA Sec 4 Vol 12/5 Med. Micro. May 59

1255. STREPTOCOCCUS ANATOXIN OF SCARLET FEVER AND ITS ANTIGENIC PROPERTIES (Russian text) - Pervachenko S. V. - ZH. MIKROB. EPID. I IMMUNOBOL. 1957, 9 (81-82)

Purified scarlet fever toxin was obtained by fractional alcohol precipitation. The titre of purified toxin was 500,000 skin doses per 1 ml. Protein content was only 1/18 of that in the native toxin. The purified toxin was rendered atoxic by fractional addition of 0.5% formaldehyde at 40° C. for 30 days. Toxicity decreased to 2,000 skin doses per 1 ml. This anatoxin had considerably lower antigenic properties than the toxin.

Kaulen - Moscow (IV, 17)

PERVACHENKO, S.V., k and.med.nauk

Epidemiological, immunological, and microbiological characteristics of streptococcal infection in groups (scarlet fever and carriers of hemolytic streptococci) [with summary in English]. *Pediatrics* 36 no.2:28-33 F '59.
(MIRA 12:4)

1. Iz otdeleniya epidemiologii Instituta infektionnykh bolezney AMN SSSR (Kiyev).

(STREPTOCOCCAL INFECTIONS, in inf. & child
epidemiol., immunol. & microbiol. characteristics in children's collectives (Rus))

MOROZKIN, N.I.; BITENBINDER, Ye.A.; PERVACHENKO, S.V.; BEREZNITSKAYA,
S.A.; LIKHTOROVICH, S.A.; TRET'YAK, M.A.

Seroprophylaxis of influenza in children's institutions and
hospitals. Vop. virus. 5 no. 6:682-686 N-D '60. (MIRA 14:4)

1. Institut infektsionnykh bolezney AN SSSR, Kiyev.
(INFLUENZA)

KISHKO, Ya.G. [Kishko, Ya.G.], POKHODKO, G.V., NOSACH, L.N. [Nosach,
L.N.], MYKHAYLINA, E.G. [Mykhailina, E.G.]; VANTSAK, N.I.

Study of adenoviruses of the types 3 and 5 in a tissue culture of
cancer cells by the fluorescence method. Mikrobiol. zhur. 27 no. 1
5-10 1985. (MIRA 19.7)

1. Institut mikrobiologii i virusologii AN UkrSSR.

L 2606-66 EWT(1)/EWA(h)

ACCESSION NR: AP5020121

UR/0109/65/010/008/1435/1444
62-503.53

AUTHOR: Pervachev, S. V.

TITLE: Collapse of tracking in an automatic time selector 25

SOURCE: Radiotekhnika i elektronika, v. 10, no. 8, 1965, 1435-1444

TOPIC TAGS: time selection

ABSTRACT: The collapse of tracking of an automatic time selector (a nonlinear servo) describable by a second-order differential equation is analyzed by means of the Focker-Planck equations. Formulas are developed for calculating the probability P of collapse of tracking (servoing) in a selector that has integrating and proportional-integrating filters; the formulas are valid for $P < 0.2$. The formulas were verified on an analog computer. They permit calculating the required signal-to-noise ratio at a discriminator output on the basis of a given tolerable probability of collapse. The formulas are applicable to other servosystems, e. g., angle or frequency types, which are describable by the same equations as the time selector. Orig. art. has: 3 figures and 47 formulas.

Card 1/2

L 2686-66

ACCESSION NR: AP5020121

ASSOCIATION: none

SUBMITTED: 27Feb64

ENCL: 00

SUB CODE: IE

NO REF SOV: 005

OTHER: 001

Card 2/2

PERVACHEV, S.V.

Locking band of an automatic phase frequency trim system.
Radiotekh. i elektron. 8 no.2:334-337 F '63. (MIRA 16:2)
(Frequency regulation)

S/109/63/008/002/021/028
D413/D308

AUTHOR: Pervachev, S.V.

TITLE: On the capture bandwidth of a phase-type automatic frequency control system

PERIODICAL: Radiotekhnika i elektronika, v. 8, no. 2, 1963, 334-337

TEXT: Several authors, among them Richmen and Gruen, have considered the value of the capture bandwidth of a phase-type AFC system with a proportional-integrating filter (transfer function $(1 + pT_1)/(1 + pT)$) between the phase detector and the reactance tube, but their results are incomplete and contradictory, the divergence being very large in some instances. The author has approached the problem by using an analog computer to solve the basic differential equation of the system and so find the conditions for the existence of a limiting cycle. He gives families of curves of capture bandwidth against $\Delta = (8/\pi)\Omega T$ (Ω being the synchronization bandwidth of the system) for various values of $n = T_1/T$, with both poly-

Card 1/2

On the capture ...

S/109/63/008/002/021/028
D413/D308

gonal and sinusoidal phase detector characteristics. These curves have been checked experimentally and found to agree within 10%. They can be used for assessing the properties of given AFC systems, and also for design calculations on such systems. There are 3 figures. The English-language reference reads as follows: D. Richmen, Proc. I.R.E., 42, 1, 1954, 106; W. Gruen, Proc. I.R.E., 41, 8, 1953, 1043.

SUBMITTED: March 17, 1962

Card 2/2

PERVACHEV, S.V.

Study of the locking performance of a tracking automatic selector.
Radiotekhnika 17 no.2:51-55 F '62. (MIRA 15:2)

1. Deystvitel'nyy chlen Nauchno-tekhnicheskogo obshchestva
radiotekhniki i elektrosvyazi imeni Popova.
(Radio)

33792

S/108/62/017/002/007/010
D201/D305

9. 2580 (1159, 1163)

AUTHOR: Pervachev, S.V., Member of the Society (see Association)

TITLE: Investigating the synchronization state of a follow-up auto-selector

PERIODICAL: Radiotekhnika, v. 17, no. 2, 1962, 51 - 55

TEXT: The author considers the lock-in state of a follow-up auto-selector, in which the initially separate frequencies of repetition of signal and synchronization pulses become equal owing to the turning effect of the reactance valve. This synchronism is set-up when the initial repetition frequency difference and the inertia of the follow-up system, as determined by the filter, are small. Otherwise the locking-in does not occur. The lock-in range is understood to be the maximum frequency difference of signal repetition and of stroboscopic pulses, at which synchronism occurs. The dependence of the lock-in range is analyzed as a function of the auto-selector being described by the differential equation analogous to that of

Card 1/43

33792

Investigating the synchronization ...

S/108/62/017/002/007/010
D201/D305

phase-self locking system (PSLS) of continuous oscillations. This approach makes it possible to apply the method of analysis developed by M.V. Kapranov for determining the locking range of PSLS (Ref. 2: Radiotekhnika, v. 11, no. 12, 1956; Izvestiya vuzov MVSSO SSSR, Seriya Radiotekhnika, no. 4, 1958). In the present article, the locking band of the autoselector is determined, assuming that the filter Φ has inertia and transfer coefficient equal to $1/(1+pT)$. Since a follow-up autoselector is a pulse control system, to determine the locking range the phase plane analysis and conditions of the existence of the limit cycle passing through the saddle point of equilibrium, are used. By introducing the dimensionless filter time constant $\Delta = \frac{2}{\pi \lambda^2} = \frac{8}{\pi} \cdot \Omega T$, where Ω - the synchronization range in angular frequencies, T - the filter time constant and $q = 1/\tau_s$, where l - the repetition frequency of synchronization pulses and τ_s - the synchronizing pulse duration, the synchronization range γ_s becomes a function of the equivalent time constant of the

Card 2/43

PERVACHEVA, T. D.

USSR/Chemistry - Analytical chemistry

Card 1/1 : Pub. 145 - 8/10

Authors : Ruzhentseva, A. K., and Pervacheva, T. D.

Title : Quantitative determination of alkyl-substituted 1-methyl-4-piperidones

Periodical : Zhur. anal. khim. 9/5, 304-307, Sep-Oct 1954

Abstract : Methods for quantitative determination of pure alkyl-substituted 1-methyl-4-piperidones and 1-methyl-4-methyliminopiperidones in technical products are described. Results obtained by titration with hydrochloric acid and bromo-cresol green as an indicator and formation of oximes after neutralization with hydrochloric acid, are described in detail. Two USSR references (1948 and 1952). Table.

Institution : The Sergy Ordzhonikidze All-Union Scientific Research Chemical-Pharmaceutical Institute, Moscow

Submitted : September 16, 1953

PERVACHNEVA T.D.

MADAYEVA, O.S.; RUZHENTSEVA, A.K.; MEN'SHOVA, N.M.; PERVACHNEVA, T.D.;
CHEMERISSKAYA, A.A.

Paper chromatography and spectrophotometry in the analysis of
steroids. Med.prom. 12 no.3:9-16 Mr '58. (MIRA 11:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy khimiko-farmatsevticheskiy
institut imeni S.Ordzhonikidze.
(STEROIDS--ANALYSIS) (CHROMATOGRAPHIC ANALYSIS)
(SPECTROPHOTOMETRY)

YAKHONTOV, L.N.; KOPLAKOVA, V.V.; SHRYNKER, Ya.N.; PERVACHEVA, T.D.

Research at institutes of the Czechoslovak Republic. Med.prom. 13
no.12:52-55 D '59. (MIRA 13:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy khimiko-farmatsevticheskiy
institut imeni S. Ordzhonikidze.
(CZECHOSLOVAKIA--CHEMISTRY, MEDICAL AND PHARMACEUTICAL)

PERVACHEVA, T.D.; RUZHENTSEVA, A.K.

Quantitative determination of reserpine in the roots of *Rauwolfia serpentina*. Med. prom. 13 no.2:33-35 F '59. (MIRA 12:3)

1. Vsesoyuznyy nauchno-issledovatel'skiy khimiki-farmatsevticheskiy institut imeni S. Ordzhonikidze.
(RESERPINE)

YAKHONTOV, L.N.; KOLPAKOVA, V.V.; SHESTYKNER, Yu.N.; PERVACHEVA, T.D.

Scientific research in the institutes of the Czechoslovak Republic.
Med.prom. 13 no.11:55-58 N '59. (MIRA 13:3)

1. Vsesoyuznyy nauchno-issledovatel'skiy khimiko-farmatsevtsevticheskiy
institut imeni S. Ordzhonikidze.
(CZECHOSLOVAKIA---PHARMACEUTICAL RESEARCH)

LIDEL. . .; YERMAKOV, A.A., ed.; YERMAKOV, K.V., red.; YERMAKOV, N.I.,
red.; KODOL'KOV, A.I., ed.; KODOL'KOV, K.Ye., red.; NEMCHAYEV, S.V.,
red.; POYAROV, M.A., red.; POYAROV, A.V., red.; SOBOLEV, I.I., red.;
TARAKANOV, E.F., red.

[Geology of the Northern Soviet brown coal basin.] Geologiya
Sverkhvolzhskogo buruzhnogo basaina. Moskva, Nedra,
1964. 144 p. (Materialy k razrabotke i poleznym iskopayemym
Ugla, r. 144) (MIRA 12.1)

PERVAGO, V.A.

~~Aldan~~ Aldan iron ore province, its divisions and resources [with summary
in English]. Sov. geol. 1 no.8:3-26 Ag '58. (MIRA 11:11)

1. Ural'skoye geologicheskoye upravleniye.
(Aldan Plateau --- Iron ores)

PERVAK, M. V.

"Blood Transfusion as a Method for the Treatment
of Intoxication with Blood Poisons, an Experi-
mental Study," Farmakol. i. Toksikol., 2, No. 3,
1939. Chair Pharmacology, 1st Med. Inst., Kharkov, -1939-.

USSR / Farm Animals, Cattle

Q

Abs Jour : Ref Zhur & Biologiya, No 2, 1959, No. 7359

Author : Palfiy, F. Yu.; Pervak, Ya. I.; Nakonechnaya, Ya. Ya.

Inst : Not given

Title : Some New Achievements in Investigations of Changes of the Milk's Fat Content in Cows.

Orig Pub : Zhivotnovodstvo, 1957, No 12, 40-42

Abstract : Thirty to forty g of sodium sulfate per head were introduced into the ration for cows of the Black-spotted breed with an average daily milk yield of 11-12 kg and a fat content of 3.51 percent. With this additional feeding, the content of fat in milk amounted during the first 5-day period to 3.95 percent, during the second 5-day period to 4.05 percent, and

Card 1/2

COUNTRY : USSR
CATEGORY : Farm Animals.
Cattle. Q
ABS. JOUR. : RZhBiol., No. 6, 1959, No. 25827
AUTHOR : Pervak, Ya. I.
INST. :
TITLE : The Milk Production and the Milk's Fat Content
in Cattle of the Black-Spotted Breed.
ORIG. PUB. : Sots. tvarinnitstvo, 1958, No 5, 24-26
ABSTRACT : No abstract.

CARD: 1/1

30

KUZ'MIN, Ye., kand.tekhn.nauk; MAKARENKO, I., nauchnyy sotrudnik;
PERVAKOV, A., nauchnyy sotrudnik; TATARINOV, V., nauchnyy
~~sotrudnik~~

New developments in the design of a joint for series 1-464
houses. Na stroi.Ros. 4 no.6:29-30 Je '63. (MIRA 16:6)

1. Odesskiy inzhenerno-stroitel'nyy institut (for all except
Kuz'min).

(Building--Details)

VAVILOV, Nikolay Ivanovich (1887-1943); KALESNIK, S.V., red.; DAVITAYA, P.F., red.; SINSKAYA, Ye.N., doktor biol. nauk, red.; STANKOV, S.S., doktor biol. nauk [deceased]; IVANOV, I.R., doktor sel'k. oz. nauk, red.; PERVAKOV, I.L., red.; ZHURAVLEVA, G.P., mlad. red.; MATVEYEVA, G.Ye., mlad. red.; ARDANOVA, N.P., tekhn. red.

[Five continents] Piat' kontinentov. Moskva, Geografiz, 1962. 253 p.

(MIRA 16:2)
1. Chlen-korrespondent Akademii nauk SSSR (for Kalesnik). 2. Dey-
stvitel'nyy chlen Akademii nauk Gruzinskoy SSR (for Davitaya).
(Voyages and travels) (Phytogeography)

VOYTOV, Vitaliy Ivanovich; PONOMAREVA, Larisa Anatol'yevna; PERVAKOV,
I.L., red.; CHERNYKH M.P., mladshiy red.; BURLAKA, N.P.,
tekhn. red.

[Away from the ocean routes] V storone ot morskikh dorog. Mo-
skva, Geografiz, 1962. 101 p. (MIRA 16:1)

(Far East--Description and travel)

(Far East--Oceanographic research)

PERVAKOV, I. L.

Meteorological
Abstract
Vol. 4 No. 11
November 1953
Meteorological
Observations and
Instruments

4.11-31 ✓ 551.501.551.578.46: 551.311.18(26)
Tshurikov, Y. I. and Pervakov, I. L., Novyi metod opredelenia
tshichiny l'da i snega na l'du na khodu sucha. /A new method
of determining the thickness of ice, and of snow on the ice,
from a moving ship. Meteorologiya i Gidrologiya, No. 7:44-46,
1952. 2 figs., 2 refs. DIC—The authors criticize previous methods
of ice and snow thickness measurement and describe a new instru-
ment. A small tube is attached parallel to the end of a rod
60 cm long. A frame is located near the other end of the rod
(14 x 22 cm) with a Flexiglass plate on which a rectangular grid
is drawn (size of each square 20 x 20 mm). The grid can be
moved along the rod. The rod is placed vertically outside the
ship and the observer marks how many squares of the grid are
covered by ice. Thickness of ice and snow is determined by a
method of similar triangles. Subject Headings: 1. Ice
thickness measurement 2. Snow Surveys.

--N.T.Z.

DOKHMAN, G.I.; PERVAKOV, I.L., redaktor; KOSHELEVA, S.M., tekhnicheskii
redaktor

[Flora of the Mugodzhar Hills] Restitel'nost' Mugodzhar. Moskva,
Gos. izd-vo geogr. lit-ry, 1954. 234 p. (MLRA 8:4)
(Mugodzhar Hills--Botany)

GVOZDETSKIY, Nikolay Andreyevich; PERVAKOV, I.L., redaktor; GOLITSYN, A.V.,
redaktor kart; RIVINA, I.N., tekhnicheskii redaktor.

[Karst; problems of general and regional karst study] Karst; voprosy
obshchego i regional'nogo karstovedeniia. Izd. 2-e, perer. i dop.
Moskva, Gos.izd-vo geogr.lit-ry, 1954. 350 p. (MIRA 8:4)
(Karst)

TRONOV, Mikhail Vladimirovich; KALESNIK, S.V., redaktor; PERVAKOV, I.L.,
redaktor; KOSHELEVA, S.M., tekhnicheskiy redaktor. ~~XXXXXXXXXX~~

Problems in mountain glaciation. Zap.Vses.geog.ob-va 15:3-276 '54.
(Glaciers) (MIRA 8:4)

BURKHANOV, Vassiliy Fedotovitch; ~~PERVAKOV~~, I.L., redaktor; SHCHUKINA, V.V.,
redaktor; KOSHELEVA, S.M., redaktor

[New Soviet explorations in the Arctic] Novye sovetskie issledovaniia
v Arktike. Moskva, Gos. izd-vo geogr. lit-ry, 1955. 51 p. (MLRA 8:10)
(Arctic regions)

MAKOVYEV, Mikhail Stepanovich; PERVAKOV, I.L., redaktor; FLBYKH, D.A.
tekhnicheskiiy redaktor.

[Arctic diary] Poliarnyi dnefnik. Moskva, Gos.izd-vo geogr.
lit-ry, 1955. 94 p. (MLRA 9:1)
(Arctic regions)

SHCHUKINA, Nina Mikhailovna; PERVAKOV, I.L., redaktor; SHCHUKINA, V.V.,
redaktor; RIVINA, I.N., ~~tekhnicheskii~~ redaktor;

[How the map of Central Asia was made; works of Russian explorers
in the 19th and beginning of the 20th century] Kak sozdavalas' karta
TSentral'noi Azii; raboty russkikh issledovatelei XIX i nachala XX
v. Moskva Gos. izd-vo geograficheskoi lit., 1955. 237 p. (MIRA 8:10)
(Central Asia--Discovery and exploration)

MAKSIMOVICH, Georgiy Alekseyevich; TSYTSARIN, G.V., redaktor; PERVAKOV, I.I., redaktor; MAL'CHEVSKIY, G.N., redaktor kart; KOSHELEVA, S.M., tekhnicheskii redaktor.

[The chemical geography of inland waters] Khimicheskaya geografiya vod sush. Moskva, Gos.izd-vo geogr. i aerokosm. kartogr., 1955. 327 p. (MIRA 9:4)
(Hydrology) (Water, Underground)

ORIGOR'YEV, A.A., akademik, otvetstvennyy redaktor; IVANOV, A.V., otvetstvennyy redaktor; ~~PERVAKOV, I.L.~~, redaktor; GLINYKH, D.A., tekhnicheskiiy redaktor; ~~KOSHELEVA, S.M.~~, tekhnicheskiiy redaktor

[The Karelian A.S.S.R.] Karel'skaya ASSR. Moskva, Gos. izd-vo geogr. lit-ry, 1956. 332 p.
(MLRA 9:12)

1. Akademiya nauk SSSR. Karel'skiy filial, Petrozavodsk.
(Karelia--Economic geography)

BADIGIN, Konstantin Sergeyevich; PEEV/KOV, I. L., redaktor; RIVINA, I. N.,
tekhnicheskiiy redaktor

[Through icy seas] Po studenym moriam. Moskva, Gos. izd-vo
geogr. lit-ry, 1956. 422 p. (MIRA 9:4)
(Arctic regions)

KORZHENEVSKIY, N.L., otvetstvennyy redaktor; PERVAKOV, I.L., redaktor;
GLEYKH, D.A., tekhnicheskiy redaktor; KOSHKEVA, S.M.,
tekhnicheskiy redaktor

[Uzbek S.S.R.] Uzbekskaya SSR. Moskva, Gos. izd-vo geogr. lit-ry
1956 470 p. (MLRA 10:5)

1. Tashkent. Universitet. Geograficheskiy fakul'tet.
(Uzbekistan--Geography)

SHLYAMIN, Boris Aleksandrovich; PERVAKOV, I.L., redaktor; MAL'CHEVSKIY,
G.N., redaktor kart; KOSHULEVA, S.M., tekhnicheskiy redaktor

[Sea of Okhotsk] Okhotskoe more. Moskva, Gos. izd-vo geogr. lit-ry,
1957. 95 p. (MIRA 10:4)

(Okhotsk, Sea of)

PRIVAL'SKIY
PRIVAL'SKIY, Yevsey Moiseyevich; PERVAKOV, I.L., red.; VILENSKAYA, E.N.,
tekhn.red.

[Uzbekistan guidebook] Putevoditel' po Uzbekistenu. Moskva, Gos.
izd-vo geogr. lit-ry, 1957. 101 p (MIRA 11:2)
(Uzbekistan—Description and travel)

~~REF ID: A66471~~
PERKOVICH, Vsevolod Pavlovich; PERVAKOV, I.L., red.; LYUBIMOV, I.M., red.;
KOSHELEVA, S.M., tekhn.red.

[Shores of the Black and Azov seas] Berega Chernogo i Azovskogo
morei. Moskva, Gos. izd-vo geogr. lit-ry, 1958. 373 p. (MIRA 11:5)
(Black Sea--Coasts) (Azov Sea--Coasts)

PERVAKOV, I.

Biography of Ice. IUn.nat. no.3:22-24 '59.

(MIRA 12:4)

(Ice)

MURAVEYSKIY, Sergey Dmitriyevich, prof. [deceased]; SOLOV'YEV, A.I.,
otv.red.; PERVAKOV, I.L., red.; MAIKES, B.N., mladshiy red.;
GOLITSYN, A.V., red.kart; KOSHELEVA, S.M., tekhn.red.

[Rivers and lakes; hydrobiology and runoff] Reki i ozera; gidro-
biologiya stok. Moskva, Gos.izd-vo geogr.lit-ry, 1960. 384 p.
(MIRA 13:4)

1. Chlen-korrespondent Akademii pedagogicheskikh nauk RSFSR;
kabinet istorii geografii Moskovskogo gosudarstvennogo universiteta
(for Solov'yev).

(Rivers)

(Lakes)

VOYTOV, Vitaliy Ivanovich; PONOMAREVA, Larisa Anatol'yevna;
PERVAKOV, I.L., red.; CHERNYKH, M.P., mladshiy red.;
BURLAKA, N.P., tekhn. red.

[Off the sea lanes] V storone ot morskikh dorog. Moskva,
Geografiz, 1962. 101 p. (MIRA 16:6)
(Pacific Ocean--Description and travel)

YEL'NITSKIY, Lev Andreyevich; PERVAKOV, I.L., red.; MAL'CHEVSKIY,
G.N., red. kart; VILENSKAYA, E.K., tekhn. red.

[Ocean voyages of early antiquity] Drevneishie okeanskie
plavaniia. Moskva, Geografiz, 1962. 83 p. (MIRA 15:9)
(Voyages and travels)

SHCHERBAKOV, D.I., akademik, red.; TIKHOMIROV, G.S., kand. ekonom.
nauk, red.; BELOV, M.I., doktor ist. nauk, red.; SUZYUMOV,
Ye.M., red.; FEDOSEYEV, I.A., kand. tekhn. nauk, red.;
FILIPPOV, M.S., kand. geol.-miner. nauk, red.; PERVAKOV,
I.L., red.; CHERNYKH, M.P., mladshiy red.; GOLITSYN, A.V.,
red. kart; VILENSKAYA, E.N., tekhn. red.

[Soviet expeditions of 1959] Sovetskie ekspeditsii 1959 goda.
Moskva, Gos. izd-vo geogr. lit-ry, 1962. 303 p.

(MIRA 15:7)

(Scientific expeditions)

ALEYNER, Aron Zalmanovich; LARIONOVA, Antonina Nikolayevna;
CHURKIN, Vladimir Gerasimovich; PERVAKOV, I.L., red.;
CHERNYKH, M.P., mladshiy red.; TAL'CHEVSKIY, G.N., red.
kart; KOSHELEVA, S.M., tekhn. red.

[Gerardus Mercator] Gerard Merkator. Moskva, Gos. izd-vo
geogr. lit-ry, 1962. 79 p. (MIRA 15:7)
(Mercator, Gerardus, 1512-~~1594~~)

UZIN, Semen Vladimirovich; PERVAKOV, I.I., red.; KUZ'MINA, N.Ye.,
mladshiy red.; BURLAKA, N.P., tekhn. red.

[Mysteries of geographical names] Tainy geograficheskikh naz-
vaniy. Moskva, Gos.izd-vo geogr. lit-ry, 1961. 102 p.
(MIRA 15:6)

(Names, Geographical)

FRADKIN, Naum Grigor'yevich; PERVAKOV, I.L., red.; CHERNYKH, M.P.,
mladshiy red.; KOSHELEVA, S.M., tekhn. red.

[From the four corners of the world] 3 chetyrekh storon gori-
zonta. Moskva, Geografiz, 1962. 141 p. (MIRA 15:6)
(Voyages and travels)

SUSLOV, V.F.; NOZDRYUKHIN, V.K.; KOROLIEV, A.I.; RACHKULIK, V.I.; AVSYUK,
G.A., ctv. red.; PERVAKOV, I.L., red.; CHERNYKH, M.P., mlad. red.;
VILENSKAYA, E.N., tekhn. red.

[Drifting above the clouds; documentary narrative] Zaoblachnaya
dreifushchaia; dokumental'naya povest'. Moskva, Gos. izd-vo
geogr. lit-ry, 1961. 252 p.

(MIRA 14:11)

1. Chlen-korrespondent AN SSSR (for Avsyuk).
(Fedchenko Glacier) (Glaciological research)

NEVSKIY, Vladimir Vasil'yevich; PERVAKOV, I.L., red.; MALKES, B.N., mlad.
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